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OCT 31 2006

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

APPLICANT: <b>HARDIN ET AL.</b>	§ EXAMINER: <b>RILEY, J.</b>
SERIAL NO: <b>10/007621</b>	§ GROUP ART UNIT: <b>1637</b>
FILED: <b>12/03/2001</b>	§ DOCKET: <b>00007/02UTL</b>
FOR: <b>ENZYMATIC NUCLEIC ACID SYNTHESIS: COMPOSITIONS AND METHODS FOR ALTERING MONOMER INCORPORATION FIDELITY</b>	§

571-273-8300	CERTIFICATE OF FACSIMILE TRANSMISSION	October 31, 2006
Number:		Date of Deposit
I hereby certify that this response is being transmitted via facsimile transmission to:		
EXAMINER RILEY, J.		
USPTO		
571-273-8300		
		October 31, 2006
		Date of Signature

*[Handwritten signature over the form]*

**RESPONSE TO 12 JULY 2006 FINAL OFFICE ACTION**

Dear Examiner Riley:

In response to the Final Office Action dated 12 July 2006, Applicants submit the following amendments and remarks:

**SUMMARY OF FINAL OFFICE ACTION**

<b>Claims 7-8, 10, 12-13, 15, 21-29, 31, 35-40 and 42-47</b>	102(e)/103 - Kao et al (6399335)
<b>Claims 7-8, 10-13, 15, 21-24, 27-29, 31-33, 36-40, 42-44 and 47</b>	102(a)/103 Williams et al. (WO0036151)